Job No: IS/Lab/2021-M/091

Date: 08/07/2021

TEST REPORT ON CONCRETE CORE SAMPLE

Name of Client	Bruhat Bengaluru Mahanagara Palike (BBMP)
Name of Agency	M/s Nagarjuna Construction Company Limited
Project Name	White Topping of Road from Sheshadripuram First Grade College to Aroma Bakery Junction via 3rd cross road, 1st A main road , 16th B cross road
Construction Site	Bangalore
Grade of Concrete	M40
Sample received on	08/07/2021
Unique Test ID	ISECPL/LAB/UTI/2021-M/091
Technical Reference	IS 516(Part 4): 2018
Date of Testing	08/07/2021

Compressive Strength of Concrete core sample

Sl No	Description		1	2
1	Size of the Cores, mm	Height	154	153
2		Diameter	92	92
3	L / D Ratio		1.67	1.66
4	Cross Sectional Area, mm2		6644.24	6644.24
5	Weight of Core (Kg)		2.382	2.367
6	Failure Load (KN)		239	236
7	Compressive Strength of core N/mm2		35.97	35.52

Asst. Executive Engineer
Quality Division
Yelahanka Zone
BBMP, Bangalore - 92

KARUNAKARA K.
LAB MANAGER

For INFRA SUPPORT ENGINEERING CONSULTANTS PVT. LTD.

LOKESH T.R.
AUTHORISED SIGNATORY

CIN: U45202KA2009PTC050188

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Sl No	Description	1	2
8	Correction factor according to L/D ratio of core specimen	0.96	0.96
9	Corrected Cylinder strength, (N/mm2)	34.68	34.20
10	Equivalent Cube Compressive Strength of cylinder, (N/mm2)	43.35	42.75

The Materials are received by the Client

Note

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RAMANABAN K
LAB MANAGER

LOKESH T R
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End of Report

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Job No: IS/Lab/2021-M/073 Date: 06/05/2021

TEST REPORT ON CONCRETE CUBE

Name of Client	Bruhat Bengaluru Mahanagara Palike (BBMP)
Name of Agency	M/s Nagarjuna Construction Company Limited
Project Name	White Topping of Road from Sheshadripuram First Grade College to Aroma Bakery Junction via 3rd cross road, 1st A main road , 16th B cross road
Construction Site	Bangalore
Date of Pouring	03/04/2021
Section / Location	White Topping
Sample received on	03/05/2021
Technical Reference	IS: 516-1959 (reaffirmed 2008)
Unique test ID	ISECPL/LAB/UTI/2021-M/073
Age of Specimen	28days
Date of Testing	03/05/2021

Sample No	Grade of Concrete	Size of the Cubes, mm			Cross Sectional Area, mm^2	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength,	
		Length	Breadth	Depth				(Kg/cm^2)	(N/mm^2)
1	M 40	150.22	155.10	153.56	23299.12	8.419	1316	**564.8**	**56.48**
2	M 40	154.02	155.17	153.25	23899.28	8.591	1203	**503.4**	**50.34**
3	M 40	151.36	153.28	152.70	23200.46	8.319	1082	**466.4**	**46.64**

The material is collected and supplied by client

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Asst. Executive Engineer, Project Division, Yelahanka, BBMP, Bangalore

For INFRA SUPPORT ENGINEERING CONSULTANTS PVT. LTD.

KARUNAKARA K.
LAB MANAGER

LOKESH T.R.
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End of Report

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MATERIAL TESTING LABORATORY

Job No: IS/Lab/2021-M/076 **Date: 06/05/2021**

TEST REPORT ON CONCRETE CUBE

Name of Client	Bruhat Bengaluru Mahanagara Palike (BBMP)
Name of Agency	M/s Nagarjuna Construction Company Limited
Project Name	White Topping of Road from Sheshadripuram First Grade College to Aroma Bakery Junction via 3rd cross road, 1st A main road , 16th B cross road
Construction Site	Bangalore
Date of Pouring	06/04/2021
Section / Location	White Topping
Sample received on	03/05/2021
Technical Reference	IS: 516-1959 (reaffirmed 2008)
Unique test ID	ISECPL/LAB/UTI/2021-M/076
Age of Specimen	28days
Date of Testing	04/05/2021

Sample No	Grade of Concrete	Size of the Cubes, mm			Cross Sectional Area, mm^2	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength,	
		Length	Breadth	Depth				(Kg/cm^2)	(N/mm^2)
1	M 40	150.08	155.39	153.76	23320.93	8.310	941	**403.5**	**40.35**
2	M 40	152.88	156.12	150.15	23867.63	8.378	995	**416.9**	**41.69**
3	M 40	150.02	153.32	151.22	23001.07	8.170	1014	**440.8**	**44.08**

The material is collected and supplied by client

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Asst. Executive Engineer, Project Division, Yelahanka, BBMP, Bangalore-63

For INFRA SUPPORT ENGINEERING CONSULTANTS PVT. LTD.

KARUNAKARA K.
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Job No: ISE/BNG/21-22/0088

Date: 17/06/2021

TEST REPORT ON CONCRETE CUBE

Name of Client	Brihat Bengaluru Mahanagara Palike (BBMP)
Name of Agency	M/s Nagarjuna Construction Company Limited
Project Name	White Topping of Road from Shastrinagar 1st Cross Entrance to Aruna Bakery Junction via 3rd Cross Road, 1st A Main Road , 16th B Cross Road
Construction Site	Bangalore
Date of Pouring	09/06/2021
Section / Location	White Topping
Sample received on	15/06/2021
Technical Reference	IS: 516-1959 (reaffirmed 2004)
Unique test ID	ISE/CPL/LAB/UT1/2021-M/0004
Age of Specimen	7days
Date of Testing	16/06/2021

Sl. No.	Grade of Concrete	Size of the Cubes, mm			Cross Sectional Area, mm²	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength,	
		Length	Breadth	Depth				(Kg/cm²)	(N/mm²)
1	M 40	150.09	152.15	155.25	22846.13	8.101	861	386.5	38.65
2	M 40	153.11	150.32	152.11	23015.51	8.218	911	404.5	40.45
3	M 40	153.88	152.60	155.10	23482.19	8.312	881	382.5	38.25

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KARUNAKARA K.
LAB MANAGER

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Job No: IS/Lab/2021-M/082

Date: 16/06/2021

TEST REPORT ON CONCRETE CUBE

Name of Client	Bruhat Bengaluru Mahanagara Palike (BBMP)
Name of Agency	M/s Nagarjuna Construction Company Limited
Project Name	White Topping of Road from Sheshadripuram First Grade College to Aroma Bakery Junction via 3rd cross road, 1st A main road , 16th B cross road
Construction Site	Bangalore
Date of Pouring	08/06/2021
Section / Location	White Topping
Sample received on	15/06/2021
Technical Reference	IS: 516-1959 (reaffirmed 2008)
Unique test ID	ISECPL/LAB/UTI/2021-M/082
Age of Specimen	7days
Date of Testing	15/06/2021

Sample No	Grade of Concrete	Size of the Cubes, mm			Cross Sectional Area, mm^2	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength,	
		Length	Breadth	Depth				(Kg/cm^2)	(N/mm^2)
1	M 40	150.71	152.60	150.22	22998.35	8.023	713	**310.0**	**31.00**
2	M 40	153.72	150.11	151.60	23074.91	8.351	782	**338.9**	**33.89**
3	M 40	150.02	153.72	153.09	23061.07	8.356	692	**300.1**	**30.01**

The material is collected and supplied by client

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Assistant Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

For INFRA SUPPORT ENGINEERING CONSULTANTS PVT. LTD.

KARUNAKARA K.
LAB MANAGER

LOKESH T.R.
AUTHORISED SIGNATORY

End of Report

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Job No: IS/Lab/2021-M/092

Date: 09/07/2021

TEST REPORT ON CONCRETE CUBE

Name of Client	Bruhat Bengaluru Mahanagara Palike (BBMP)
Name of Agency	M/s Nagarjuna Construction Company Limited
Project Name	White Topping of Road from Sheshadripuram First Grade College to Aroma Bakery Junction via 3rd cross road, 1st A main road , 16th B cross road
Construction Site	Bangalore
Date of Pouring	09/06/2021
Section / Location	White Topping
Sample received on	15/06/2021
Technical Reference	IS: 516-1959 (reaffirmed 2008)
Unique test ID	ISECPL/LAB/UTI/2021-M/092
Age of Specimen	28 days
Date of Testing	07/07/2021

Sample No	Grade of Concrete	Size of the Cubes, mm			Cross Sectional Area, mm^2	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength,	
		Length	Breadth	Depth				(Kg/cm^2)	(N/mm^2)
1	M 40	152.12	145.09	155.16	22071.09	8.425	942	426.8	42.68
2	M 40	150.09	150.16	155.07	22537.51	8.202	1034	458.8	45.88
3	M 40	154.26	150.32	153.79	23188.36	8.166	950	409.7	40.97

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Assistant Executive Engineer, Factory Division-2, BBMP, Bangalore-32

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Job No: ISL-sb/2021-M/084

Date: 21/06/2021

TEST REPORT ON CONCRETE CUBE

Name of Client	Brihat Bangaluru Mahanagara Palike (BBMP)
Name of Agency	M/s Nagarjuna Construction Company Limited
Project Name	White Topping of Road from Sheshadripuram First Grade College to Aroma Bakery Junction via 3rd cross road, 1st A main road , 16th B cross road
Construction Site	Bangalore
Date of Pouring	11/06/2021
Section / Location	White Topping
Sample received on	15/06/2021
Technical Reference	IS: 516-1959 (reaffirmed 2008)
Unique test ID	ISECPL/LAB/UT1/2021-M/084
Age of Specimen	7days
Date of Testing	18/06/2021

Sample No.	Grade of Concrete	Size of the Cubes, mm			Cross Sectional Area, mm^2	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength,	
		Length	Breadth	Depth				(Kg/cm^2)	(N/mm^2)
1	M 40	151.02	150.16	150.02	22677.16	8.268	574	253.1	25.31
2	M 40	152.79	150.22	154.29	22952.11	8.212	655	285.4	28.54
3	M 40	153.07	150.29	152.88	23004.89	8.404	694	301.7	30.17

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KARUNAKARA K.
LAB MANAGER

LOKESH T.R.
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Assistant Executive Engineer
BBMP, Bangalore

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Job No: IS/Lab/2021-M/085 **Date: 21/06/2021**

TEST REPORT ON CONCRETE CUBE

Name of Client	Bruhat Bengaluru Mahanagara Palike (BBMP)
Name of Agency	M/s Nagarjuna Construction Company Limited
Project Name	White Topping of Road from Sheshadripuram First Grade College to Aroma Bakery Junction via 3rd cross road, 1st A main road , 16th B cross road
Construction Site	Bangalore
Date of Pouring	12/06/2021
Section / Location	White Topping
Sample received on	15/06/2021
Technical Reference	IS: 516-1959 (reaffirmed 2008)
Unique test ID	ISECPL/LAB/UTI/2021-M/085
Age of Specimen	7days
Date of Testing	19/06/2021

Sample No	Grade of Concrete	Size of the Cubes, mm			Cross Sectional Area, mm^2	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength,	
		Length	Breadth	Depth				(Kg/cm^2)	(N/mm^2)
1	M 40	150.12	152.39	150.70	22876.79	7.990	659	288.1	**28.81**
2	M 40	150.81	151.66	153.91	22871.84	8.183	873	381.7	**38.17**
3	M 40	155.69	153.06	152.99	23829.91	8.229	715	300.0	**30.00**

The material is collected and supplied by client

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Assistant Executive Engineer
Project Division
Yelahanka
BBMP, Bangalore

KARUNAKARA K.
LAB MANAGER

For INFRA SUPPORT ENGINEERING CONSULTANTS PVT. LTD.

LOKESH T.R.
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Job No: IS/Lab/2021-M/094

Date: 12/07/2021

TEST REPORT ON CONCRETE CUBE

Name of Client	Bruhat Bengaluru Mahanagara Palike (BBMP)
Name of Agency	M/s Nagarjuna Construction Company Limited
Project Name	White Topping of Road from Sheshadripuram First Grade College to Aroma Bakery Junction via 3rd cross road, 1st A main road , 16th B cross road
Construction Site	Bangalore
Date of Pouring	11/06/2021
Section / Location	White Topping
Sample received on	15/06/2021
Technical Reference	IS: 516-1959 (reaffirmed 2008)
Unique test ID	ISECPL/LAB/UTI/2021-M/094
Age of Specimen	28 days
Date of Testing	09/07/2021

Sample No	Grade of Concrete	Size of the Cubes, mm			Cross Sectional Area, mm^2	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength,	
		Length	Breadth	Depth				(Kg/cm^2)	(N/mm^2)
1	M 40	150.17	152.67	150.07	22926.45	8.173	1002	**437.0**	**43.70**
2	M 40	152.65	155.70	152.48	23767.61	8.519	1032	**434.2**	**43.42**
3	M 40	153.08	155.11	155.22	23744.24	8.503	984	**414.4**	**41.44**

The material is collected and supplied by client

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Asst. Executive Engineer
Project Cell, Yelahanka
BBMP, Bangalore

For INFRA SUPPORT ENGINEERING CONSULTANTS PVT. LTD.

KARUNAKARA K.
LAB MANAGER

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Job No: IS/Lab/2021-M/086 **Date: 23/06/2021**

TEST REPORT ON CONCRETE CUBE

Name of Client	Bruhat Bengaluru Mahanagara Palike (BBMP)
Name of Agency	M/s Nagarjuna Construction Company Limited
Project Name	White Topping of Road from Sheshadripuram First Grade College to Aroma Bakery Junction via 3rd cross road, 1st A main road , 16th B cross road
Construction Site	Bangalore
Date of Pouring	14/06/2021
Section / Location	White Topping
Sample received on	15/06/2021
Technical Reference	IS: 516-1959 (reaffirmed 2008)
Unique test ID	ISECPL/LAB/UTI/2021-M/086
Age of Specimen	7days
Date of Testing	21/06/2021

Sample No	Grade of Concrete	Size of the Cubes, mm			Cross Sectional Area, mm^2	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength,	
		Length	Breadth	Depth				(Kg/cm^2)	(N/mm^2)
1	M 40	153.39	152.12	155.00	23333.69	8.291	663	284.1	28.41
2	M 40	149.78	149.02	151.12	22320.22	8.290	817	366.0	36.60
3	M 40	151.26	150.08	157.06	22701.10	8.112	621	273.6	27.36

The material is collected and supplied by client

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Assistant Executive Engineer
Yelahanka Zone
BBMP, Bangalore

KARUNAKARA K.
LAB MANAGER

For INFRA SUPPORT ENGINEERING CONSULTANTS PVT. LTD.

LOKESH T.R.
AUTHORISED SIGNATORY

End of Report

CIN: U45202KA2009PTC050188

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Job No: IS/Lab/2021-M/096 **Date: 14/07/2021**

TEST REPORT ON CONCRETE CUBE

Name of Client	Bruhat Bengaluru Mahanagara Palike (BBMP)
Name of Agency	M/s Nagarjuna Construction Company Limited
Project Name	White Topping of Road from Sheshadripuram First Grade College to Aroma Bakery Junction via 3rd cross road, 1st A main road , 16th B cross road
Construction Site	Bangalore
Date of Pouring	14/06/2021
Section / Location	White Topping
Sample received on	15/06/2021
Technical Reference	IS: 516-1959 (reaffirmed 2008)
Unique test ID	ISECPL/LAB/UTI/2021-M/096
Age of Specimen	28 days
Date of Testing	12/07/2021

Sample No	Grade of Concrete	Size of the Cubes, mm			Cross Sectional Area, mm^2	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength,	
		Length	Breadth	Depth				(Kg/cm^2)	(N/mm^2)
1	M 40	152.02	150.96	152.76	22948.94	8.365	963	**419.6**	**41.96**
2	M 40	152.26	150.11	155.02	22855.75	8.353	969	**424.0**	**42.40**
3	M 40	153.12	150.08	155.12	22980.25	8.148	924	**402.1**	**40.21**

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Assistant Executive Engineer, Project Division, BBMP, Bangalore-560 002

For INFRA SUPPORT ENGINEERING CONSULTANTS PVT. LTD.

KARUNAKARA K.
LAB MANAGER

LOKESH T.R.
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Job No: IS/Lab/2021-M/087

Date: 24/06/2021

TEST REPORT ON CONCRETE CUBE

Name of Client	Bruhat Bengaluru Mahanagara Palike (BBMP)
Name of Agency	M/s Nagarjuna Construction Company Limited
Project Name	White Topping of Road from Sheshadripuram First Grade College to Aroma Bakery Junction via 3rd cross road, 1st A main road , 16th B cross road
Construction Site	Bangalore
Date of Pouring	15/06/2021
Section / Location	White Topping
Sample received on	15/06/2021
Technical Reference	IS: 516-1959 (reaffirmed 2008)
Unique test ID	ISECPL/LAB/UTI/2021-M/087
Age of Specimen	7days
Date of Testing	22/06/2021

Sample No	Grade of Concrete	Size of the Cubes, mm			Cross Sectional Area, mm^2	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength,	
		Length	Breadth	Depth				(Kg/cm^2)	(N/mm^2)
1	M 40	151.76	150.42	155.12	22827.74	8.326	745	326.4	**32.64**
2	M 40	153.02	150.96	152.81	23099.90	8.416	836	361.9	**36.19**
3	M 40	150.16	151.09	155.26	22687.67	8.572	792	349.1	**34.91**

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3. Any query regarding the report must be reported immediately.

Asst. Executive Engineer
Project Division No. 92
BBMP, Bangalore South

KARUNAKARA K.
LAB MANAGER

For INFRA SUPPORT ENGINEERING CONSULTANTS PVT. LTD.

LOKESH T.R.
AUTHORISED SIGNATORY

End of Report

CIN: U45202KA2009PTC050188
Laboratory / HO : "Infra House"#456/11/1, Hennur Bande, Hennur Bagalur Main Road, Kalyan Nagar, Bangalore-560043
Tel: +91-80-25421364, **E-mail:** corporate@infrasupport.in
Website: www.infrasupport.in

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MATERIAL TESTING LABORATORY

Job No: ISLab/2021-MT/097

Date: 14/07/2021

TEST REPORT ON CONCRETE CUBE

Name of Client	Bruhat Bengaluru Mahanagara Palike (BBMP)
Name of Agency	M/s Nagarjuna Construction Company Limited
Project Name	White Topping of Road from Sheshadripuram First Grade College to Aroma Bakery Junction via 3rd cross road, 1st A main road , 19th B cross road
Construction Site	Bangalore
Date of Pouring	15/05/2021
Section / Location	White Topping
Sample received on	15/05/2021
Technical Reference	IS: 516-1959 (reaffirmed 2008)
Unique test ID	ISECPL/LAB/UTI/2021-MT/097
Age of Specimen	28 days
Date of Testing	13/07/2021

Sample No	Grade of Concrete	Size of the Cubes, mm			Cross Sectional Area, mm^2	Weight of Cube (Kg)	Failure Load (KN)	Compressive Strength,	
		Length	Breadth	Depth				(Kg/cm^2)	(N/mm^2)
1	M 40	150.11	155.09	152.62	23280.56	8.437	980	421.0	42.10
2	M 40	150.19	150.22	153.90	22561.54	8.040	922	408.7	40.87
3	M 40	152.01	155.79	153.29	23681.64	8.435	1016	429.0	42.90

The material is collected and supplied by client.

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Assistant Executive Engineer
BBMP, Bangalore

For INFRA SUPPORT ENGINEERING CONSULTANTS PVT. LTD.

KARUNAKARA K.
LAB MANAGER

LOKESH T.R.
AUTHORISED SIGNATORY

End of Report

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MATERIAL TESTING LABORATORY

Job No: IS/Lab/2021-M/080

Date: 09/06/2021

TEST REPORT ON PAVER BLOCKS

Name of Client	Bruhat Bengaluru Mahanagara Palike (BBMP)
Name of Agency	M/s Nagarjuna Construction Company Limited
Project Name	White Topping of Road from Sheshadripuram First Grade College to Aroma Bakery Junction via 3rd cross road, 1st A main road , 16th B cross road
Construction Site	Bangalore
Sample received on	04/06/2021
Unique Test ID	ISECPL/LAB/UTI/2021-M/080
Technical Reference	IS 15658-2006
Date of Testing	07/06/2021

Compressive Strength of 60mm Paver Blocks

Sample No	Cross Sectional Area mm^2	Failure Load (KN)	Compressive Strength, (N/mm^2)	Average Compressive Strength, (N/mm^2)
1	39203	1609	43.51	43.38
2	39402	1660	44.66	
3	39204	1615	43.67	
4	39006	1655	44.98	
5	39800	1659	44.18	
6	39402	1549	41.67	
7	39601	1541	41.25	
8	39203	1594	43.10	

The Materials are supplied by the Client

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Assistant Executive Engineer, Project Division, BBMP, Bangalore

For INFRA SUPPORT ENGINEERING CONSULTANTS PVT. LTD.

KARUNAKARA K.
LAB MANAGER

End of Report

LOKESH T.R.
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MATERIAL TESTING LABORATORY

Job No: IS/Lab/2021-M/081

Date: 18/08/2021

TEST REPORT ON PAVER BLOCKS

Name of Client	Brutal Bengaluru Mahanagara Palike (BBMP)
Name of Agency	M/s Nagarjuna Construction Company Limited
Project Name	White Topping of Road from Sreerachanapuram First Grade College to Aroma Bakery Junction via 3rd cross road, 1st A main road, 16th E cross road
Construction Site	Bangalore
Sample received on	04/06/2021
Unique Test ID	ISECPLLABUTT/2021-M/081
Technical Reference	IS 15658-2006
Date of Testing	07/06/2021

Compressive Strength of 100mm Paver Blocks

Sample No	Cross Sectional Area mm²	Failure Load (KN)	Compressive Strength, (N/mm²)	Average Compressive Strength, (N/mm²)
1	30628	1224	49.15	49.35
2	30628	1248	50.32	
3	30750	1279	51.58	
4	30256	1218	49.92	
5	30627	1199	48.54	
6	30504	1211	49.23	

The Materials are supplied by the Client

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Asst. Executive Engineer
Technical Cell
BBMP, Bangalore

For INFRA SUPPORT ENGINEERING CONSULTANTS PVT. LTD.

KARUNAKARA K.
LAB MANAGER

LOKESH R.
AUTHORISED SIGNATORY

— End of Report —

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Soil Stabilization and Shoring Services | Non - Destructive Testing

Job No:CECTC-MT-IWD-020-2021-22

Date 07.07.2021

CONCRETE CORE COMPRESSIVE STRENGTH REPORT

Client : **Bruhat Bengaluru Mahanagara Palike(BBMP).**
Agency : **NCC Limited.**
Name of Work : White Topping Yelahanka from Sheshadripuram First grade College to Aroma Bakery Junction.
No.of Samples tested : 3 Nos
Grade of Concrete : M40
Date of Sampling : 28.06.2021
Technical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.

Sl. No	Identification*	Dia of Core (D) mm	Height of Core/thickness of core (H) mm	Core Wt in Kg	H/D	Correction factor (based on HD)	Failure load in KN	Core Strength N/mm²	Corrected cylinder Compressive Strength N/mm² (based on Dia less than 100mm)	Corrected cylinder Compressive Strength N/mm² (based on HD)	Equivalent Cube Compressive Strength N/mm²	Average Equivalent Cube Compressive Strength N/mm²
1	WTP-S2 CH: 80to 170 RHS Chandra café to Vinshnu Park	94	148	2.272	1.57	0.95	244.2	35.19	38.00	36.10	45.13	
2	WTP-S5 CH: 305 to 363 RHS Chandra café to Vinshnu Park	94	143	2.166	1.52	0.95	180.1	25.95	28.03	26.63	33.28	41.70
3	WTP-S6 CH: 422 to 440 RHS Chandra café to Vinshnu Park	94	150	2.360	1.60	0.96	250	36.02	38.91	37.35	46.69	

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Engineer
Bangalore - 92

NCC LIMITED BANGALORE

Infra Support Engineering Consultants Pvt. Ltd. Bangalore

Received found in Order

For CIVIL EXPERTS
Authorised Signature

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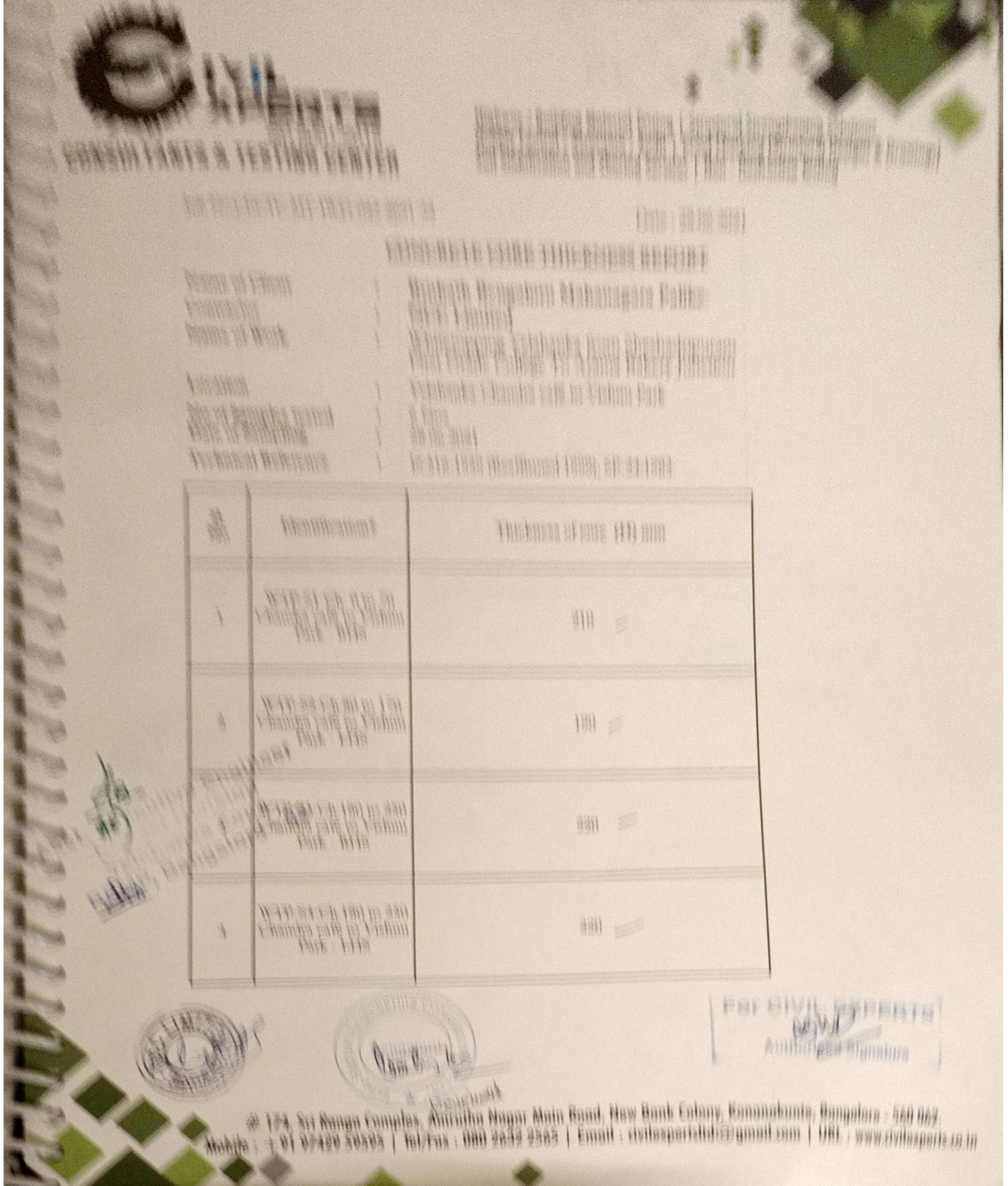

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Sl. No	Identification*	Thickness of core (H) mm
5	WTP-85-Ch.305 to 363 Chandra café to Vishnu Park - RHS	180
6	WTP-86-Ch.422 to 440 Vishnu Park Junction-RHS	185

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3. Any Query regarding the report must be reported reported within 15days from the date of testing.

Asst. Executive Engineer
Project Office
Kalahalli Road,
BBMP, Bangalore - 97

For CIVIL EXPERTS
Authorised Signature

India Support Engineering Consultants
Bangaluru

Rasheed

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Job No: CECTC/NCC/QC/2020-21

Date: 03/06/2021

KERB STONE (CORE) TEST REPORT

Client	:	**Bruhath Bangaluru Mahanagara Palike**
Agency	:	**NCC Limitted**
Name of Work	:	Whitetopping Yelahanka from Sheshadripuram First Grade College To Amma Bakery Junction
Location	:	Vishnu Park to Canara Bank LHS & RHS Ch:440 to 800
No.of Sample Tested	:	03
Date of Testing	:	03.06.2021
Technical Reference	:	IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete	:	M30

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	80.00	70.00	0.352	2561.03	1.40	0.960	32.56	16.58	17.91	17.19	21.49
2	80.00	75.00	0.362	2458.20	1.50	0.960	33.69	17.16	18.53	17.79	22.24
3	80.00	80.00	0.398	2533.75	1.60	0.960	36.96	18.82	20.33	19.52	24.40

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For CIVIL EXPERTS

Authorised Signatory

Approved

Reviewed

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